

Amendments to the Claims:

A clean version of the entire set of pending claims, including amendments to the claims, is submitted herewith per 37 CFR 1.121(c)(3). This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Cancelled).

2. (Currently Amended) [[A]] ~~The system for manipulation of a small object as claimed in Claim of claim 4 [[1]], wherein the surface structure of the substrate is pre-treated chemically in that way such that the final placement position (4) of the object is modified to make it good-wetting and that the a near vicinity (2) of the placement position of the small object (3) is poor-wetting to make a contrast in wettability on the substrate near the placement position (1,2) of the small object (3).~~

3. (Currently Amended) [[A]] ~~The system for manipulation of a small object as claimed in Claim of claim 2, wherein the contrast in wettability of substrate is provided by a monolayer of a suitable molecule, which monolayer is made by micro-contact printing.~~

4. (Currently Amended) ~~A system for manipulation of a small object as claimed in Claim 4. A system for manipulation of a small object, the system comprising:~~

~~a substrate to receive the small object, a liquid droplet that evaporate, which droplet carries the small object on the substrate,~~

~~a pre-treated surface structure of the substrate in the vicinity of a defined placement position of the small object, wherein the small object is moved to the placement position by the evaporation of the droplet,~~

~~wherein the small (3)-object is pre-treated by a monolayer to make the a side (5) of the object (3) in contact with the substrate hydrophilic.~~

5. (Currently Amended) [[A]] The system for manipulation of a small object as claimed in Claim of claim 4 [[1]], wherein the small object (3) is pre-treated by a to provide a dissolvable layer on a surface thereof.

6. (Currently Amended) [[A]] The system for manipulation of a small object as claimed in Claim of claim 4 [[1]], wherein the surface structure of the substrate is pre-treated physically, in that way such that the edge of the fluid meniscus is guided by grooves and ridges of the physically pre-treated structure to the final placement position of the small object.

7. (Currently Amended) A system for manipulation of a small object as claimed in claim 4 A system for manipulation of a small object, the system comprising:
a substrate to receive the small object, a liquid droplet that evaporate, which droplet carries the small object on the substrate,
a pre-treated surface structure of the substrate in the vicinity of a defined placement position of the small object, wherein the small object is moved to the placement position by the evaporation of the droplet,
wherein the object (3) is aligned to match with respect to the placement position (4) by means of a magnetic field.

8. (Currently Amended) [[A]] The system for manipulation of a small object as claimed in of claim [[1]]4, wherein the placement position (4) on the substrate has a shape which corresponds to the shape of the small object (3), so that the object (3) is aligned to match with the final placement position (4) during evaporation of the droplet (4).

9. (Currently Amended) A method of manipulation of a small object having a

[- a]] substrate with a pre-treated surface structure to receive the small object (3), which object (3) is pre-treated by a monolayer to make the side (6) of the object (3) in contact with the substrate hydrophilic, the method comprising:

- placing the small object by rough placement of the object on the substrate ~~somewhere around the final~~ in a vicinity of a defined placement position (4) of the object (3),
- placing a droplet (4) on the substrate in the vicinity of the ~~final placement~~ position (4) of the small object,
- dissolving of the object (3) in the droplet (4) such that the object can freely float in the liquid,
- moving the droplet (4) from the poor wetting area to the good wetting area, and
- positioning the object (3) to the ~~proper placement~~ position (4) by the evaporation of the droplet,
- orienting the object with respect to the placement position by means of a magnetic field
- interconnecting the object (3) by standard lithographic way.

10. (New) The system of claim 4, wherein the object is provided with a magnetic layer, and wherein the object is aligned with respect to the placement position by means of a magnetic field.

11. (New) The system of claim 7, wherein the small object is pre-treated by a monolayer to make a side of the object in contact with the substrate hydrophilic.

12. (New) The system of claim 7, wherein the surface structure of the substrate is pre-treated chemically such that the placement position of the object is modified to make it good-wetting and that a near vicinity of the placement position of the small object is poor-wetting to make a contrast in wettability on the substrate near the placement position of the small object.

13. (New) The system of claim 12, wherein the contrast in wettability of substrate is provided by a monolayer of a suitable molecule, which monolayer is made by micro-contact printing.

14. (New) The system of claim 7, wherein the small object is pre-treated to provide a dissolvable layer on a surface thereof.

15. (New) The system of claim 7, wherein the surface structure of the substrate is pre-treated physically such that the edge of the fluid meniscus is guided by grooves and ridges of the physically pre-treated structure to the final placement position of the small object.

16. (New) The method of claim 9, further comprising pre-treating the small object is pre-treated to provide a dissolvable layer on a surface thereof